MOLECULAR CLOCKS LAB

Name	
Date	

Exercise I

40	Belle annual transaction and	Complete and decided	of the second	Bright Commence of	Organisms A	Commence of the commence of
200	A PROPERTY AND ADDRESS OF THE PARTY AND ADDRES	CONTRACTOR SALE AND ADDRESS.	Appear of Contract of the Contract of	The Control of the Co	A CONTRACTOR OF THE PARTY OF TH	Committee that the committee of

- 2. Organisms A and C: 0
- 3. Organisms B and C: 5.
- 4. Which is the horse? B How do you know?

B has the most differences in the amino acids of the three organisms

5. Explanation

Evolution is the idea that within a body things change over time based on amount of time and environmental changes. The theory of evolution talks about how monkeys and humans are related which is why the amino acids in the human and gorilla are so similar.

Exercise III

4	State of the same of the same	with the second second	Committee of the Committee of the	man and the property of	The second second second	10 miles and 10 miles	The second of th
1	III WYCH ETHORSES	ACCRECATION OF THE	THE RESIDENCE	species are	WHITE THE PARTY NAMED IN COLUMN TWO IS NOT THE P	484,600	AND DOLLARS

How do you know?

There is only a 2% difference in the two

Species most distant from the other three is __chortles_____

How do you know? Have a 6% difference from wiggs and gleeps

- Cladogram:
 - 1. Wiggs
 - 2 Arps
 - 3. Gleeps
 - 4. Chortles

Earliest split point occurred about _12____ million years ago.

Middle split point occurred about _6___ million years ago.

Most recent split point occurred about ____4___ million years ago.

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S. Blair Hedges, Sudhir Kumar

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Life: The Science of Biology Study Guide William K. Purves, Edward Dzialowski, Lindsay Goodloe, Betty McGuire, Nancy Guild, Paula Mabee, 2003-12-26 New edition of a text presenting underlying concepts and showing their relevance to medical agricultural and environmental issues Seven chapters discuss the cell information and heredity evolutionary process the evolution of diversity the biology of flowering plants and of animals and ecology and biogeography Topics are linked by themes such as evolution the experimental foundations of knowledge the flow of energy in the living world the application and influence of molecular techniques and human health considerations Includes a CD ROM which covers some of the subject matter and introduces and illustrates 1 700 plus key terms and concepts Annotation copyrighted by Book News Inc Portland OR Student Study Guide for Biology [by] Campbell/Reece Martha R. Taylor, 2002 Marty Taylor Cornell University Provides a concept map of each chapter chapter summaries a variety of interactive questions and chapter Study Guide to Accompany Biology, the Science of Life, Third Edition W. J. Leverich, 1991 Computational **Biologist - The Comprehensive Guide** VIRUTI SHIVAN, Dive into the dynamic and evolving world of computational biology with this essential guide where complex biological systems meet the precision of computer science This comprehensive manual serves as your all in one resource for mastering the skills required to decode the mysteries of biology using computational techniques It is meticulously crafted for both beginners intrigued by the intersection of biology and computing and seasoned professionals aiming to deepen their expertise. The absence of images or illustrations due to copyright reasons is more than compensated for by rich detailed explanations and vivid thought provoking examples that bring the essence of computational biology to life In a field where innovation is constant this guide stands as a beacon offering insights into the latest research methodologies data analysis techniques and their applications in solving real world biological problems From DNA sequencing and genetic engineering to the modeling of complex biological networks this book not only equips you with the theoretical knowledge but also guides you through practical steps to implement these techniques Each chapter is an invitation to explore the incredible potential of computational biology making this book an indispensable companion for anyone looking to make their mark in understanding and harnessing the power of life itself

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which allows researchers to both deposit and retrieve data

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